



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF : Guo Liu, et al.

FOR : FINE-GRAINED RARE EARTH ACTIVATED  
ZINC SULFIDE PHOSPHORS FOR  
ELECTROLUMINESCENT DISPLAYS

SERIAL NO. : 10/649,282

FILED : August 27, 2003

EXAMINER : Unknown

ART UNIT : 1774

CONFIRMATION NO. : 5488

ATTORNEY DOCKET NO. : SMBZ 2 01002

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop – Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

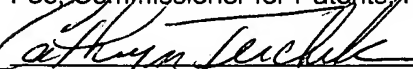
Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicants submit the following Disclosure Statement concerning art of which the applicants are aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

**Certificate of First Class Mailing**

I hereby certify that this Information Disclosure Statement and PTO 1449 form are being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Mail Stop, No Fee, Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450.

  
Cathryn Terchek

Date: 

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 CFR 1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant has not enclosed copies of the cited U.S. patents with this Disclosure.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the cited patents require no further explanation (or no translation is available).

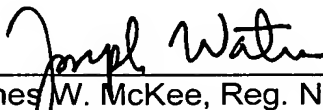
Under § 1.97(b)(3), this information disclosure statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

It is respectfully requested that the attached documents be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP

Date: April 26, 2004

  
James W. McKee, Reg. No. 26,482  
Joseph E. Waters, Reg. No. 50,427  
1100 Superior Avenue  
Seventh Floor  
Cleveland, Ohio 44114-2518  
216.861.5582



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT(S)**  
(Use as many sheets as necessary)

**COMPLETE IF KNOWN**

Application Number	10/649,282
Filing Date	August 27, 2003
First Named Inventor	Guo Liu
Art Unit	
Examiner Name	Unknown
Attorney Docket No.	SMBZ 2 01002

Sheet 1 of

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Issue Date/ Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US- 4,937,150	26 Jun 19990	Tsukada	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
	AM	Japan	31 May 1996	Sharp Corp.	English Abstract only	
	AN					
	AO					
	AP					

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	AQ		
	AR		
	AS		
	AT		
	AU		
	AV		

Examiner  
Signature

Date  
Considered